

Title (en)

Process for the preparation of 4-(4'-chlorobiphenyl-4-yl)-4-keto-2-methylenbutyric acid

Title (de)

Verfahren zur Herstellung von 4-(4'-Chlorbiphenyl-4-yl)-4-keto-2-methylenbuttersäure

Title (fr)

Procédé pour la préparation d'acide 4-(4'-chlorobiphenyl-4-yl)-4-keto-2-methylenbutyrique

Publication

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Application

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Abstract (en)

[origin: EP0978500A1] Acylation in the preparation of 4-(4'-chlorobiphenyl-4-yl)-4-keto-2-methylenbutyric acid (I) from 4-chlorobiphenyl (II) and itaconic acid anhydride (III) is conducted in an aromatic solvent at -20 to + 80 degrees C. Preparation of 4-(4'-chlorobiphenyl-4-yl)-4-keto-2-methylenbutyric acid of formula (I) comprises Friedel-Crafts acylation of 4-chlorobiphenyl of formula (II) with itaconic acid anhydride of formula (III). The acylation is conducted in an aromatic solvent at -20 to +80 degrees C.

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